# eBank

## Japan's Leading Internet Bank Chooses PC Blades to Protect Its Customers' Information

Founded in 2000, eBank offers electronic banking and financial settlement services. eBank is the largest internet bank in Japan and continues to grow due to its corporate principle, "Pursue the customer's satisfaction." This idea is reflected in every aspect of the company's operations, including its IT. eBank utilizes the best technology available to protect and manage its customers personal information.

## The Challenge

eBank previously utilized traditional box PCs throughout its facility. Highly sensitive information was managed in one high-security room, and mass storage devices (floppy/CD drives, USB memory, etc.) were disabled at the access points. However, even with these security measures, data leaks were a serious issue.

## OVERVIEW

▶ **The Challenge**

Harden asset and data security at an electronic financial services provider to prevent sensitive data leaks

▶ **The Solution**

Replace box PCs located in high security areas with ClearCube PC Blades and User Ports

▶ **The Benefit**

A secure, centralized work environment that prevents asset or data theft

The financial services provider wanted to replace its box PCs with a system that enhanced its in-house security. "I wanted to use the most appropriate and effective measures to guard against further data leaks," says Mr. Shimizu, General Manager of the System Operations Division of eBank's Information Technology Group.

## The Solution

eBank evaluated various product solutions to use as its new technology system, including meta-frame. The enterprise found that to implement a server-based architecture, it would have to greatly alter its CS system code just to give multiple users access to an application. Business operations were also at risk of coming to a crashing halt if a single server ever failed. eBank would have to create a redundant configuration to prevent such crashes, significantly driving up the total cost of ownership and taking a good deal of time to introduce.

eBank ultimately approached Japanese IT systems provider Hitachi Systems about deploying a ClearCube PC Blade solution. The ClearCube solution removes the PC from work area, condenses it into an Intel®-based PC Blade form-factor, and rack-mounts it in a centralized data center. All that remains at the user's work area are the peripherals (monitor, keyboard, mouse) and a small connection device called a ClearCube User Port that enables fiber, cable or Ethernet connectivity.
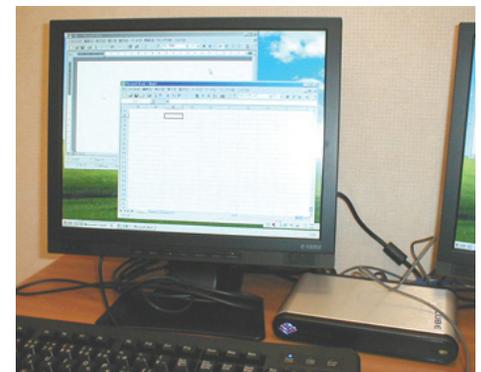
## The Benefit

eBank was able to seamlessly deploy a ClearCube solution at its facility. "Because PC Blades operate like a usual PC, our applications could be shifted from existing PCs without any changes," says Mr. Sato, CEO of eBank System Corporation. "Since no application changes were required, the introduction and roll-out was completed in a very short span of time."

The enterprise also realized the hardened security that it needed from a computing system. The company's sensitive customer and business information are stored only on the PC Blades, which are secured in a locked, limited-access room. Users Ports do not contain floppy disk or CD drives, so data cannot be downloaded onto removable media devices without authorization.

"Moreover, because we could completely consolidate the LAN network access in the server room, we were able to construct a very safe and secure work environment," says Mr. Sato.

The centralized ClearCube solution now enables eBank to protect both its physical assets and its sensitive data against theft. "Our customer information is our lifeline," says Mr. Shimizu. "We want to protect it at all costs."

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